

CLAIMS

1. Shielding cage (6) extending along a longitudinal axis (20) between a front side (21) and a rear side (22) and comprising a diecast metal section (7) extending from said front side (21) over a first length (L1) along said longitudinal axis (20)
5 characterized by
a sheet metal section (8) extending from said rear side (20) towards said front side (21) over a second length (L2) along said longitudinal axis (20), said first length (L1) being
10 substantially shorter than said second length (L2).
2. Shielding cage (6) according to claim 1, wherein the ratio of said first length (L1) to said second length (L2) is in the range 1:3 to 1:6.
3. Shielding cage (6) according to claim 2, wherein
15 said range is 1:4 to 1:5.
4. Shielding cage (6) according to any one of the preceding claims, wherein said diecast metal section (7) comprises mounting tails (24) for mounting said diecast metal section (7) to a circuit board (5).
- 20 5. Shielding cage (6) according to claim 4, wherein said mounting tails (24) are solid integrated mounting tails of said diecast metal section (7).
6. Shielding cage (6) according to claim 4 or 5, wherein said mounting tails (24) are PIP-tails.
- 25 7. Shielding cage (6) according to any one of the preceding claims, wherein said sheet metal section (8) comprises SMT-tails (26) for mounting said sheet metal section (8) to a circuit board (5).
8. Shielding cage (6) according to any one of the
30 claims 1-6, wherein said sheet metal section (8) comprises SMC tails for mounting said sheet metal section (8) to a circuit board (5) comprising means for engaging with said SMC tails.
9. Shielding cage (6) according to any one of the preceding claims, wherein said diecast metal section (7) and
35 said sheet metal section (8) comprise structures (28,60) for

engaging said diecast metal section (7) with said sheet metal section (8).

10. Shielding cage (6) according to any one of the preceding claims, wherein said diecast metal section (7) comprises positioning elements (51,52,53) for placing said sheet metal section (8) with respect to said diecast metal section (7).

11. Shielding cage (6) according to any one of the preceding claims, wherein said diecast metal section (7) is a diecast zinc alloy section and said sheet metal section (8) is a sheet copper or steel alloy section.

12. Shielding cage (6) according any one of the preceding claims, wherein said diecast metal section (7) and said sheet metal section (8) comprise one or more outer layers capable of fusing on appliance of heat.

13. Shielding cage (6) according to claim 12, wherein said diecast metal section (7) is layered with layers of copper, nickel and/or tin and said sheet metal section (8) is layered with layers of nickel and/or tin.

14. Diecast metal section (7) for use in a shielding cage (6) according to any one of the preceding claims.

15. Sheet metal section (8) for use in a shielding cage (6) according to any one of the claims 1-13.

16. Electrical board connector (40) comprising a header assembly (30) and a shielding cage (6) according to any one of the claims 1-13.